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EXPLOSIVES PLANT AND STORAGE AREAS
NEAR EL'BAN, USSR

HTA/JM-15/58

December 1958

Declass Review by
NIMA/DOD

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EXPLOSIVES PLANT AND STORAGE AREAS

NEAR EL'BAN, USSR

S-3433

HTA/JM-15/58

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PREFACE

This Joint Photographic Intelligence Memorandum describes three heavily-secured installations near El'ban, southwest of Komsomol'sk. It has been prepared by Army and CIA, under CIA chairmanship, and is intended to satisfy the combined requirements of the intelligence community as specified in CIA HTA/RR/R-88/58 and HTA/SI/R-21/58; and Army SRI's 61-1-58 and 98-1-58. Specifically requested are building descriptions, dimensions, locations, security, transportation facilities, and construction activity. This information is presented by means of a written text in conjunction with related maps, photos, and line drawings of the areas of interest.

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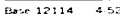
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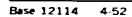
PREFACE

This Joint Photographic Intelligence Memorandum describes three heavily-secured installations near El'ban, southwest of Komsomol'sk. It has been prepared by Army and CIA, under CIA chairmanship, and is intended to satisfy the combined requirements of the intelligence community as specified in CIA HTA/RR/R-88/58 and HTA/SL/R-21/58, and Army SRI's 61-1-58 and 98-1-58. Specifically requested are building descriptions, dimensions, locations, security, transportation facilities, and construction activity. This information is presented by means of a written text in conjunction with related maps, photos, and line drawings of the areas of interest.



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INTRODUCTION

Three heavily-secured installations in the vicinity of El'ban were covered by photography [redacted] El'ban is a small settlement located on the Far Eastern Railroad (No. 27) about 34 nautical miles (nm) southwest of Komsomol'sk and 11 nm west of Ommi. These installations consist of an explosives plant situated just west of the El'ban settlement, an explosives storage area four nm to the northwest, and a probable military depot five nm south-southwest of El'ban. Plate 1 shows the relative locations and photo-insets of these three sites.

These installations have certain common physical characteristics. Each has been placed in a wooded section, with double security fences and guard towers along its perimeter. An area has been cleared between the fences to serve as a fire break and patrol area for security guards. All three sites are served by road and rail.

EXPLOSIVES PLANT, 50°06'N/136°30'E (Plate 2)

The explosives plant is identified primarily by the presence of revetted, industrial-type buildings and associated storage magazines. The specific product or products of the plant cannot be ascertained. The production of propellants or ammunition of some type seems to be indicated by the size and layout of buildings. The plant does not appear to have adequate facilities for the manufacture of guided missiles or nuclear components of special weapons. Considerable open storage of boxes or bags along rail spurs adds to that interpretation.

The explosives plant is comparatively small and not of recent construction. It is apparent on photography that the plant's boundaries have been contracted, since there is a regrowth of vegetation in the outer cleared area whereas the inner cleared area is free of vegetation. The line drawing (Plate 2) illustrates the reduction in size of this installation, which could indicate a tightening of plant security. The majority of its 60 buildings show some signs of age such as roof stains. The only exceptions to this are at the south end of the plant where a possible steam plant is under construction (Item 39, Plate 2) and foundations appear to be laid for some type of storage building (Item 15, Plate 2). It is not known whether this construction activity is in the nature of plant expansion or is possibly due to some change in production. [redacted] charts of 1943-44 show most of the same plant buildings and roads and the old perimeter fence but do not show the new fences or construction activity.

The over-all size of this plant with its present boundaries is approximately 6,000 by 4,000 feet. There is a fairly good road network within the plant. The warehouses are also served by rail spurs which converge outside the plant in one line that appears to turn off of the Far Eastern Railroad from the south, suggesting that most rail traffic is probably associated with points to the south rather than with Komsomol'sk.

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INTRODUCTION

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The explosives plant is comparatively small and not of recent construction. It is apparent on photography that the plant's boundaries have been contracted, since there is a regrowth of vegetation in the outer cleared area whereas the inner cleared area is free of vegetation. The line drawing (Plate 2) illustrates the reduction in size of this installation, which could indicate a tightening of plant security. The majority of its 60 buildings show some signs of age such as roof stains. The only exceptions to this are at the south end of the plant where a possible steam plant is under construction (Item 39, Plate 2) and foundations appear to be laid for some type of storage building (Item 15, Plate 2). It is not known whether this construction activity is in the nature of plant expansion or is possibly due to some change in production. [REDACTED] charts of 1943-44 show most of the same plant buildings and roads and the old perimeter fence but do not show the new fences or construction activity.

The over-all size of this plant with its present boundaries is approximately 6,000 by 4,000 feet. There is a fairly good road network within the plant. The warehouses are also served by rail spurs which converge outside the plant in one line that appears to turn off of the Far Eastern Railroad from the south, suggesting that most rail traffic is probably associated with points to the south rather than with Komsomol'sk.

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A housing area just east of the plant is distinct from the El'ban settlement which lies along the opposite side of the Far Eastern Railroad.

A description of the buildings at the explosives plant is presented in Table 1, with references keyed to the line drawing (Plate 2). Height measurements given throughout this memorandum are approximate due to the heavy snowfall present at the time of the photography.

TABLE 1. EXPLOSIVES PLANT: Building Descriptions and Dimensions

| Reference Number | Description | Length/Width/Height (feet) | Roof Area (square feet) |
|------------------|---|------------------------------|-------------------------|
| 1 | Six revetted magazines | 20 x 20 x 10 | 2400 |
| 2 | Revetted processing building and associated facilities: | | |
| a. | Shed | 50 x 20 x 10 | 1000 |
| b. | Shed | | 1500 |
| c. | Main gable-roofed section | 175 x 50 x 25 | 8750 |
| d. | Raised section | 65 x 50 x 30 | 3250 |
| e. | Shed | 50 x 15 x 10 | 750 |
| f. | Flat-roofed building connected to "c" by a pipeline | 40 x 30 x 20 | 1200 |
| 3 | Processing building: | | |
| a. | Gable-roofed section | 250 x 50 x 20 | 12,500 |
| b. | Flat-roofed shed | 85 x 30 x 10 | 2550 |
| 4 | Six horizontal tanks - possible acid storage | length 30; | - |
| 5 | Chimney | 20 x 20 x 65 | - |
| 6 | Processing building: | | |
| a. | Tower section | 40 x 30 x 45 | 1200 |
| b. | Gable-roofed section | 150 x 65 x 20 | 9750 |
| c. | Flat-roofed section | 60 x 20 x 10 | 1200 |
| 7 | Building with adjacent stack: | | |
| a. | Stack | | - |
| b. | Gable-roofed section | 85 x 75 x 20 | 6375 |
| c. | Gable-roofed section | 40 x 40 x 10 | 1600 |
| 8 | Shed | 40 x 20 x 10 | 800 |
| 9 | Gable-roofed building | 115 x 30 x 10 | 3450 |
| 10 | Gable-roofed building with adjacent 55-foot stack | 100 x 40 x 15 | 4000 |
| 11 | Building with raised portion; nearby flue pipe 55 to 65 feet high | 105 x 45 x 10 | 4725 |
| 12 | Probable standpipe with adjacent pump house | 20 x 20 x 80 30 x 20 x 10 | - 600 |

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| a. | Shed | 50 x 20 x 10 | 1000 |
| b. | Shed | | 1500 |
| c. | Main gable-roofed section | 175 x 50 x 25 | 8750 |
| d. | Raised section | 65 x 50 x 30 | 3250 |
| e. | Shed | 50 x 15 x 10 | 750 |
| f. | Flat-roofed building connected to "c" by a pipeline | 40 x 30 x 20 | 1200 |
| 3 | Processing building: | | |
| a. | Gable-roofed section | 250 x 50 x 20 | 12,500 |
| b. | Flat-roofed shed | 85 x 30 x 10 | 2550 |
| 4 | Six horizontal tanks - possible acid storage | length 30; | - |
| 5 | Chimney | 20 x 20 x 65 | - |
| 6 | Processing building: | | |
| a. | Tower section | 40 x 30 x 45 | 1200 |
| b. | Gable-roofed section | 150 x 65 x 20 | 9750 |
| c. | Flat-roofed section | 60 x 20 x 10 | 1200 |
| 7 | Building with adjacent stack: | | |
| a. | Stack | height 70 | - |
| b. | Gable-roofed section | 85 x 75 x 20 | 6375 |
| c. | Gable-roofed section | 40 x 40 x 10 | 1600 |
| 8 | Shed | 40 x 20 x 10 | 800 |
| 9 | Gable-roofed building | 115 x 30 x 10 | 3450 |
| 10 | Gable-roofed building with adjacent 55-foot stack | 100 x 40 x 15 | 4000 |
| 11 | Building with raised portion; nearby flue pipe 55 to 65 feet high | 105 x 45 x 10 | 4725 |
| 12 | Probable standpipe with adjacent pump house | 20 x 20 x 80 30 x 20 x 10 | - 600 |

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TABLE I. EXPLOSIVES PLANT: Building Descriptions and Dimensions
(Cont'd)

| Reference Number | Description | Length/Width/Height (feet) | Roof Area (square feet) |
|------------------|---|-------------------------------|-------------------------|
| 13 | Wall-bearing type building: | | |
| a. | End section | 50 x 45 x 10 | 2250 |
| b. | Main section | 285 x 65 x 10 | 18,525 |
| 14 | Wall-bearing type building | 135 x 50 x 10 | 6750 |
| 15 | Probable building foundation | 200 x 30 | - |
| 16 | Gable-roofed warehouse | 200 x 30 x 25 | 6000 |
| 17 | Gable-roofed building (a) with flat-roofed end section (b) | 230 x 40 x 25 65 x 30 x 15 | 9200 1950 |
| 18 | Revetted gable-roofed building | 85 x 30 x 15 | 2550 |
| 19 | Flat-roofed shed | 180 x 50 x 10 | 9000 |
| 20 | Flat-roofed shed | 75 x 60 x 10 | 4500 |
| 21 | Multi-sectioned, wall bearing type building: | | |
| a. | Section | 65 x 45 x 10 | 2925 |
| b. | Section | 105 x 50 x 15 | 5250 |
| c. | Section | 165 x 50 x 20 | 8250 |
| d. | Section | 165 x 50 x 15 | 8250 |
| 22 | Gable-roofed building - possible guard quarters | 105 x 45 x 15 | 4725 |
| 23 | Gable-roofed building | 105 x 45 x 15 | 4725 |
| 24 | Revetted gable-roofed building | 90 x 40 x 15 | 3600 |
| 25 | Gable-roofed building | 115 x 45 x 20 | 5175 |
| 26 | Gable-roofed building with four entrance wings | 250 x 50 x 15 | 12,500 |
| 27 | Gable-roofed building with four entrance wings and two attached sections: | | |
| a. | Flat-roofed section | 75 x 50 x 15 | 3750 |
| b. | Gable-roofed building | 250 x 50 x 20 | 12,500 |
| c. | Flat-roofed section | 30 x 30 x 15 | 900 |
| 28 | Irregularly-shaped building with associated open storage: | | |
| a. | Flat-roofed section | 50 x 30 x 15 | 1500 |
| b. | Wall-bearing type building | 95 x 55 x 15 | 5225 |
| 29 | Multi-sectioned, wall-bearing type building: | | |
| a. | Section | 105 x 50 x 20 | 5250 |
| b. | Section | 165 x 50 x 25 | 8250 |
| c. | Section | 75 x 50 x 20 | 3750 |
| 30 | 11 gable-roofed storage buildings | 200 x 50 x 15 | 110,000 |

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TABLE I. EXPLOSIVES PLANT: Building Descriptions and Dimensions
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|------------------|---|-------------------------------|-------------------------|
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| 18 | Revetted gable-roofed building | 85 x 30 x 15 | 2550 |
| 19 | Flat-roofed shed | 180 x 50 x 10 | 9000 |
| 20 | Flat-roofed shed | 75 x 60 x 10 | 4500 |
| 21 | Multi-sectioned, wall bearing type building: | | |
| a. | Section | 65 x 45 x 10 | 2925 |
| b. | Section | 105 x 50 x 15 | 5250 |
| c. | Section | 165 x 50 x 20 | 8250 |
| d. | Section | 165 x 50 x 15 | 8250 |
| 22 | Gable-roofed building - possible guard quarters | 105 x 45 x 15 | 4725 |
| 23 | Gable-roofed building | 105 x 45 x 15 | 4725 |
| 24 | Revetted gable-roofed building | 90 x 40 x 15 | 3600 |
| 25 | Gable-roofed building | 115 x 45 x 20 | 5175 |
| 26 | Gable-roofed building with four entrance wings | 250 x 50 x 15 | 12,500 |
| 27 | Gable-roofed building with four entrance wings and two attached sections: | | |
| a. | Flat-roofed section | 75 x 50 x 15 | 3750 |
| b. | Gable-roofed building | 250 x 50 x 20 | 12,500 |
| c. | Flat-roofed section | 30 x 30 x 15 | 900 |
| 28 | Irregularly-shaped building with associated open storage: | | |
| a. | Flat-roofed section | 50 x 30 x 15 | 1500 |
| b. | Wall-bearing type building | 95 x 55 x 15 | 5225 |
| 29 | Multi-sectioned, wall-bearing type building: | | |
| a. | Section | 105 x 50 x 20 | 5250 |
| b. | Section | 165 x 50 x 25 | 8250 |
| c. | Section | 75 x 50 x 20 | 3750 |
| 30 | 11 gable-roofed storage buildings | 200 x 50 x 15 | 110,000 |

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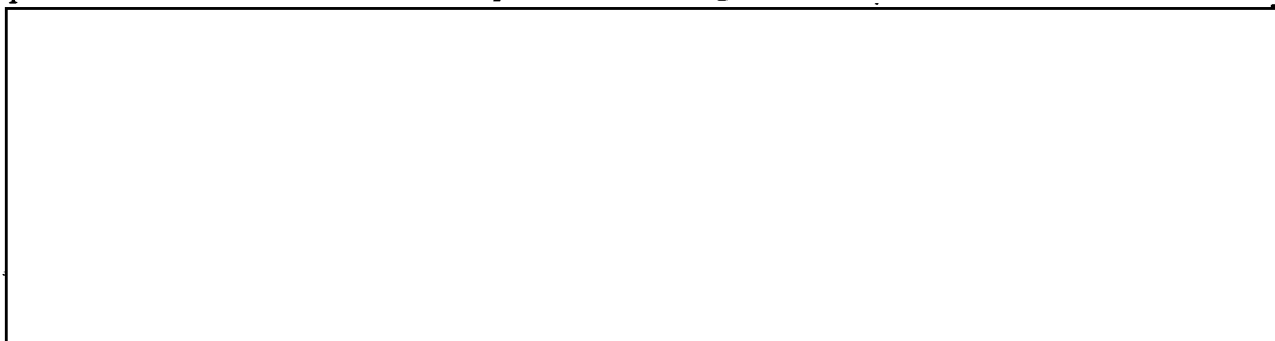
TABLE I. EXPLOSIVES PLANT: Building Descriptions and Dimensions
(Cont'd)

| Reference Number | Description | Length/Width/Height (feet) | Roof Area (square feet) |
|------------------|--|--------------------------------|-------------------------|
| 31 | Gable-roofed building | 50 x 20 x 10 | 1000 |
| 32 | "T"-shaped building with valley roof | 180 x 50 x 20 105 x 50 x 20 | 9000 5250 |
| 33 | Gable-roofed building | 105 x 45 x 15 | 4725 |
| 34 | Gable-roofed building | 100 x 30 x 15 | 3000 |
| 35 | Monitor-roofed building | 75 x 50 x 15 | 3750 |
| 36 | Monitor-roofed building | 105 x 50 x 15 | 5250 |
| 37 | Monitor-roofed building with a raised end section: | | |
| a. | Entrance shed | 65 x 10 x 10 | 650 |
| b. | Main building | 350 x 70 x 15 | 24,500 |
| c. | Raised end section | 70 x 35 x 20 | 2450 |
| 38 | Gable-roofed storage building | 135 x 40 x 10 | 5400 |
| 39 | "U"-shaped building with connected 30' stack u/c; possible steam/power plant | 130 x 85 | 11,050 |
| 40 | Gable-roofed storage building | 270 x 50 x 25 | 13,500 |
| 41 | Two gable-roofed storage buildings | 210 x 50 x 20 | 21,000 |
| 42 | Gable-roofed storage building | 125 x 40 x 10 | 5000 |
| 43 | Curved, gable-roofed storage building | 300 x 50 x 20 | 15,000 |
| 44 | Gable-roofed building; possible guardhouse | 95 x 30 x 15 | 2850 |
| 45 | Gable-roofed building | 90 x 40 x 20 | 3600 |

EXPLOSIVES STORAGE AREA, 50°08'N/136°28'E (Plate 3)

A rail line and a road which parallel the southwest border of the explosives plant connect El'ban with an explosives storage area to the northwest. Because

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TABLE I. EXPLOSIVES PLANT: Building Descriptions and Dimensions
(Cont'd)

| Reference Number | Description | Length/Width/Height (feet) | Roof Area (square feet) |
|------------------|--|--------------------------------|-------------------------|
| 31 | Gable-roofed building | 50 x 20 x 10 | 1000 |
| 32 | "T"-shaped building with valley roof | 180 x 50 x 20 105 x 50 x 20 | 9000 5250 |
| 33 | Gable-roofed building | 105 x 45 x 15 | 4725 |
| 34 | Gable-roofed building | 100 x 30 x 15 | 3000 |
| 35 | Monitor-roofed building | 75 x 50 x 15 | 3750 |
| 36 | Monitor-roofed building | 105 x 50 x 15 | 5250 |
| 37 | Monitor-roofed building with a raised end section: | | |
| a. | Entrance shed | 65 x 10 x 10 | 650 |
| b. | Main building | 350 x 70 x 15 | 24,500 |
| c. | Raised end section | 70 x 35 x 20 | 2450 |
| 38 | Gable-roofed storage building | 135 x 40 x 10 | 5400 |
| 39 | "U"-shaped building with connected 50' stack u/c; possible steam/power plant | 130 x 85 | 11,050 |
| 40 | Gable-roofed storage building | 270 x 50 x 25 | 13,500 |
| 41 | Two gable-roofed storage buildings | 210 x 50 x 20 | 21,000 |
| 42 | Gable-roofed storage building | 125 x 40 x 10 | 5000 |
| 43 | Curved, gable-roofed storage building | 300 x 50 x 20 | 15,000 |
| 44 | Gable-roofed building; possible guardhouse | 95 x 30 x 15 | 2850 |
| 45 | Gable-roofed building | 90 x 40 x 20 | 3600 |

EXPLOSIVES STORAGE AREA, 5°08'N/136°28'E (Plate 3)

A rail line and a road which parallel the southwest border of the explosives plant connect El'ban with an explosives storage area to the northwest. Because

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This explosives storage area does not show any particular signs of age as was true with the explosives plant. It is not shown on the 1943-44  charts referred to previously. Nor has there been any apparent change in its over-all boundaries which measure approximately 9,000 by 5,500 feet. Besides the 134 revetted one-story storage buildings, which have a total roof area of 810,500 square feet, there is a large rail-served transloading building near the main entrance gate at the south. The layout of road and rail as shown on the line drawings (Plates 2 and 3) indicates that most of the transportation between the plant and the storage area is probably by road and that rail service is primarily for shipments between the storage area and more distant points.

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Just outside the main gate there is a possible communication center with two towers. One is a lattice tower and the other is possibly a lattice tower of heavier construction. Dimensions for this storage area are shown on the line drawing.

Although there definitely appears to be a relationship between the storage area and the explosives plant because of their close proximity and road connections, the exact nature of the relationship is not clear. The plant appears to be an older installation and actually too small to demand a storage facility of this size. A large storage area in a remote, heavily-secured location such as this must be considered a stockpile of some consequence. The roads do not appear adequate for handling large missiles, but small rockets, ammunition, propellants or HE could be stored here.

PROBABLE MILITARY DEPOT, 50°01'N/136°28'E (Plate 4)

The third installation of interest near El'ban appears to be a military depot. It is similar to the explosives plant in that its over-all size has been reduced, as shown on Plate 4. Although it is not shown on the 1943-44  charts, it does not appear to be of recent construction. Within the double-fenced area there are 14 non-revetted storage buildings and several smaller miscellaneous buildings, all of which are described in Table 2. Just west of the depot there is a single-fenced area which is probably a military garrison associated with the depot.

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Although this third installation was originally thought to be related to the explosives plant and the explosives storage area to the north, this now appears unlikely in that the rail and road service from the depot appear to go primarily to the south. There is a small settlement along the rail line just south of the depot which is identified on the Russian Map (in the CIA Atlas) as Mengon. There is no further information from the photography or from other sources concerning the nature of this probable military depot.

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[REDACTED]

This explosives storage area does not show any particular signs of age as was true with the explosives plant. It is not shown on the 1943-44 [REDACTED] charts referred to previously. Nor has there been any apparent change in its over-all boundaries which measure approximately 9,000 by 5,500 feet. Besides the 134 revetted one-story storage buildings, which have a total roof area of 810,500 square feet, there is a large rail-served transloading building near the main entrance gate at the south. The layout of road and rail as shown on the line drawings (Plates 2 and 3) indicates that most of the transportation between the plant and the storage area is probably by road and that rail service is primarily for shipments between the storage area and more distant points.

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Just outside the main gate there is a possible communication center with two towers. One is a lattice tower and the other is possibly a lattice tower of heavier construction. Dimensions for this storage area are shown on the line drawing.

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Although this third installation was originally thought to be related to the explosives plant and the explosives storage area to the north, this now appears unlikely in that the rail and road service from the depot appear to go primarily to the south. There is a small settlement along the rail line just south of the depot which is identified on the Russian Map (in the CIA Atlas) as Mengon. There is no further information from the photography or from other sources concerning the nature of this probable military depot.

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TABLE 2. PROBABLE MILITARY DEPOT: Building Descriptions and Dimensions

| Reference Number | Description | Length/Width/Height (feet) | Roof Area (square feet) |
|------------------|--|-------------------------------|-------------------------|
| 1 | Gable-roofed building with two dormers | 150 x 50 x 20 | 7500 |
| 2 | Gable-roofed building with entrance wing; possible guard house | 40 x 30 x 10 | 1200 |
| 3 | Gable-roofed, barracks-type building | 150 x 50 x 20 | 7500 |
| 4 | Gable-roofed, barracks-type building | 110 x 50 x 30 | 5500 |
| 5 | "T"-shaped, valley-roofed, administrative-type building | 125 x 50 x 20 70 x 50 x 20 | 6250 3500 |
| 6 | Hip-roofed, administrative-type building | 75 x 30 x 20 | 2250 |
| 7 | Gable-roofed, barracks-type building | 150 x 55 x 25 | 8250 |
| 8 | Gable-roofed building | 170 x 40 x 20 | 6800 |
| 9 | Flat-roofed building; possible vehicle storage/maintenance shed | 125 x 20 x 15 | 2500 |
| 10 | Gable-roofed building | 75 x 25 x 10 | 1875 |
| 11 | Fence-enclosed, gable-roofed building with drive-around road | 35 x 20 x 10 | 700 |
| 12 | Two gable-roofed buildings: | | |
| a. | | 40 x 25 x 15 | 1000 |
| b. | | 55 x 25 x 25 | 1375 |
| 13 | Gable-roofed building | 65 x 30 x 15 | 1950 |
| 14 | Gable-roofed building | 50 x 20 x 15 | 1000 |
| 15 | Gable-roofed building within a small compound | 75 x 60 x 25 | 4500 |
| 16 | Gable-roofed building | 85 x 30 x 15 | 2550 |
| 17 | Gable-roofed building | 40 x 40 x 15 | 1600 |
| 18 | Gable-roofed building with two entrance wings; probable gate security building | 40 x 30 x 20 | 1200 |
| 19 | Wall-secured area | 90 x 65 | - |
| 20 | Gable-roofed building | 50 x 20 x 10 | 1000 |
| 21 | Gable-roofed building | 30 x 15 x 10 | 450 |
| 22 | Five gable-roofed storage buildings | 85 x 30 x 15 | 12,750 |
| 23 | Gable-roofed transloading shed | 285 x 45 x 25 | 12,825 |
| 24 | Shed | 60 x 30 x 10 | 1800 |
| 25 | Shed | | 600 |
| 26 | Gable-roofed building | 50 x 25 x 10 | 1250 |
| 27 | 14 gable-roofed storage buildings | 170 x 55 x 25 | 130,900 |
| 28 | Flat-roofed building with entrance wing; possible security building | 30 x 15 x 15 | 450 |
| 29 | Gable-roofed building | 35 x 20 x 10 | 700 |

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TABLE 2. PROBABLE MILITARY DEPOT: Building Descriptions and Dimensions

| Reference Number | Description | Length/Width/Height (feet) | Roof Area (square feet) |
|------------------|--|-------------------------------|-------------------------|
| 1 | Gable-roofed building with two dormers | 150 x 50 x 20 | 7500 |
| 2 | Gable-roofed building with entrance wing; possible guard house | 40 x 30 x 10 | 1200 |
| 3 | Gable-roofed, barracks-type building | 150 x 50 x 20 | 7500 |
| 4 | Gable-roofed, barracks-type building | 110 x 50 x 30 | 5500 |
| 5 | "T"-shaped, valley-roofed, administrative-type building | 125 x 50 x 20 70 x 50 x 20 | 6250 3500 |
| 6 | Hip-roofed, administrative-type building | 75 x 30 x 20 | 2250 |
| 7 | Gable-roofed, barracks-type building | 150 x 55 x 25 | 8250 |
| 8 | Gable-roofed building | 170 x 40 x 20 | 6800 |
| 9 | Flat-roofed building; possible vehicle storage/maintenance shed | 125 x 20 x 15 | 2500 |
| 10 | Gable-roofed building | 75 x 25 x 10 | 1875 |
| 11 | Fence-enclosed, gable-roofed building with drive-around road | 35 x 20 x 10 | 700 |
| 12 | Two gable-roofed buildings: | | |
| a. | | 40 x 25 x 15 | 1000 |
| b. | | 55 x 25 x 25 | 1375 |
| 13 | Gable-roofed building | 65 x 30 x 15 | 1950 |
| 14 | Gable-roofed building | 50 x 20 x 15 | 1000 |
| 15 | Gable-roofed building within a small compound | 75 x 60 x 25 | 4500 |
| 16 | Gable-roofed building | 85 x 30 x 15 | 2550 |
| 17 | Gable-roofed building | 40 x 40 x 15 | 1600 |
| 18 | Gable-roofed building with two entrance wings; probable gate security building | 40 x 30 x 20 | 1200 |
| 19 | Wall-secured area | 90 x 65 | - |
| 20 | Gable-roofed building | 50 x 20 x 10 | 1000 |
| 21 | Gable-roofed building | 30 x 15 x 10 | 450 |
| 22 | Five gable-roofed storage buildings | 85 x 30 x 15 | 12,750 |
| 23 | Gable-roofed transloading shed | 285 x 45 x 25 | 12,825 |
| 24 | Shed | 60 x 30 x 10 | 1800 |
| 25 | Shed | | 600 |
| 26 | Gable-roofed building | 50 x 25 x 10 | 1250 |
| 27 | 14 gable-roofed storage buildings | 170 x 55 x 25 | 130,900 |
| 28 | Flat-roofed building with entrance wing; possible security building | 30 x 15 x 15 | 450 |
| 29 | Gable-roofed building | 35 x 20 x 10 | 700 |

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PHOTO DATA:

25X1D

[Redacted]

MAP DATA:

WAC 204, 1:1,000,000

AMS Series N504, Sheet NM53-6, 1:250,000

[Redacted]

CIA Atlas of the USSR, Jan 58, Map 19C, Khabarovskiy Kray

SOURCE REFERENCE:

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[Redacted]

TOP SECRET

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Approved For Release 2002/11/15 : CIA-RDP78T05439A000100250016-7

PHOTO DATA:

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MAP DATA:

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AMS Series N504, Sheet NM53-6, 1:250,000



CIA Atlas of the USSR, Jan 58, Map 19C, Khabarovskiy Kray

SOURCE REFERENCE:

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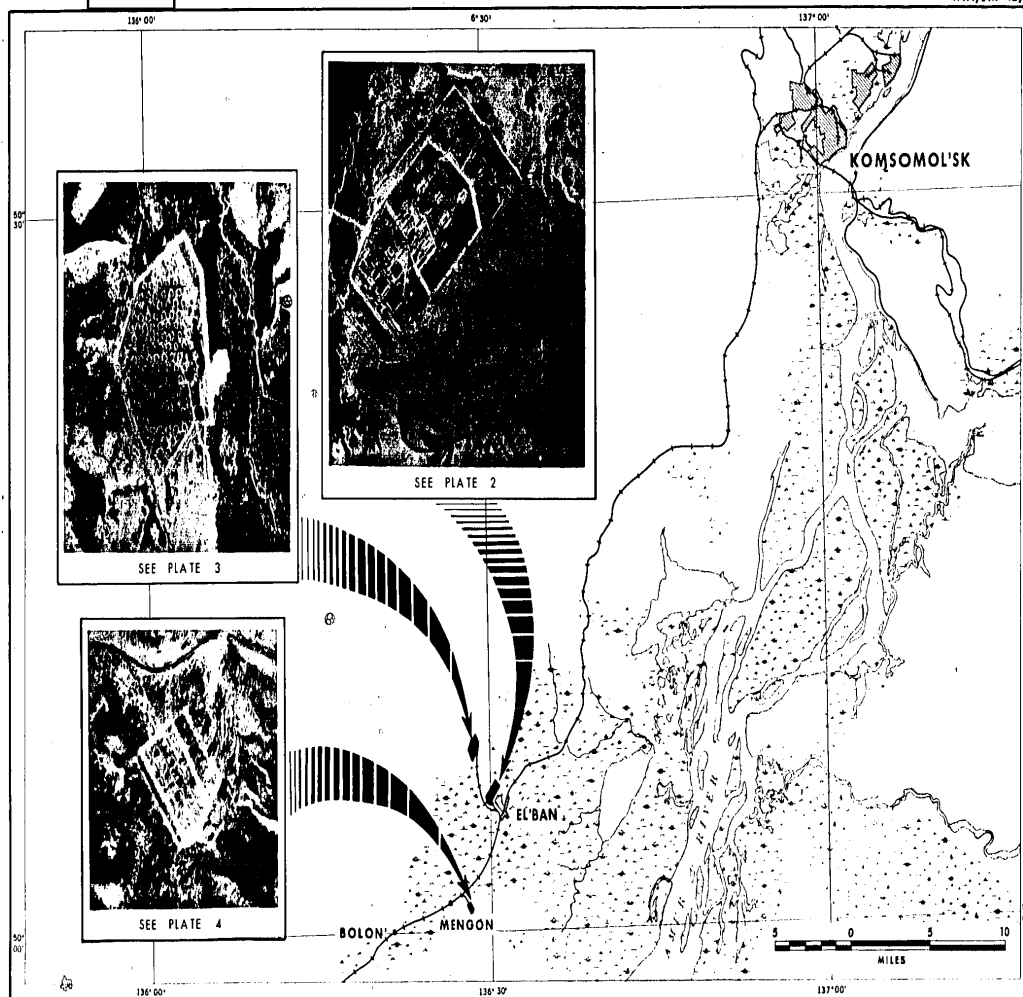


PLATE 1

TOP SECRET

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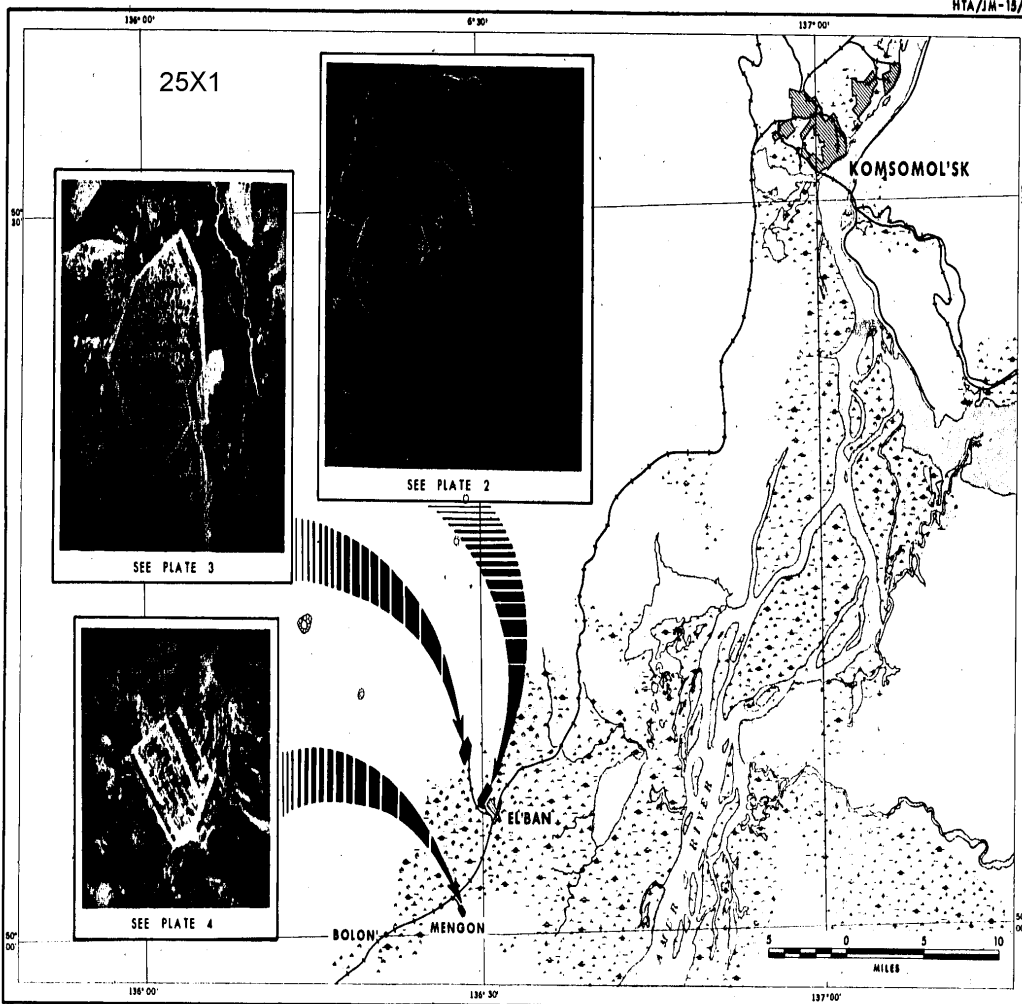


PLATE 1

25X1

TOP SECRET-

TOP SECRET

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EXPLOSIVES PLANT

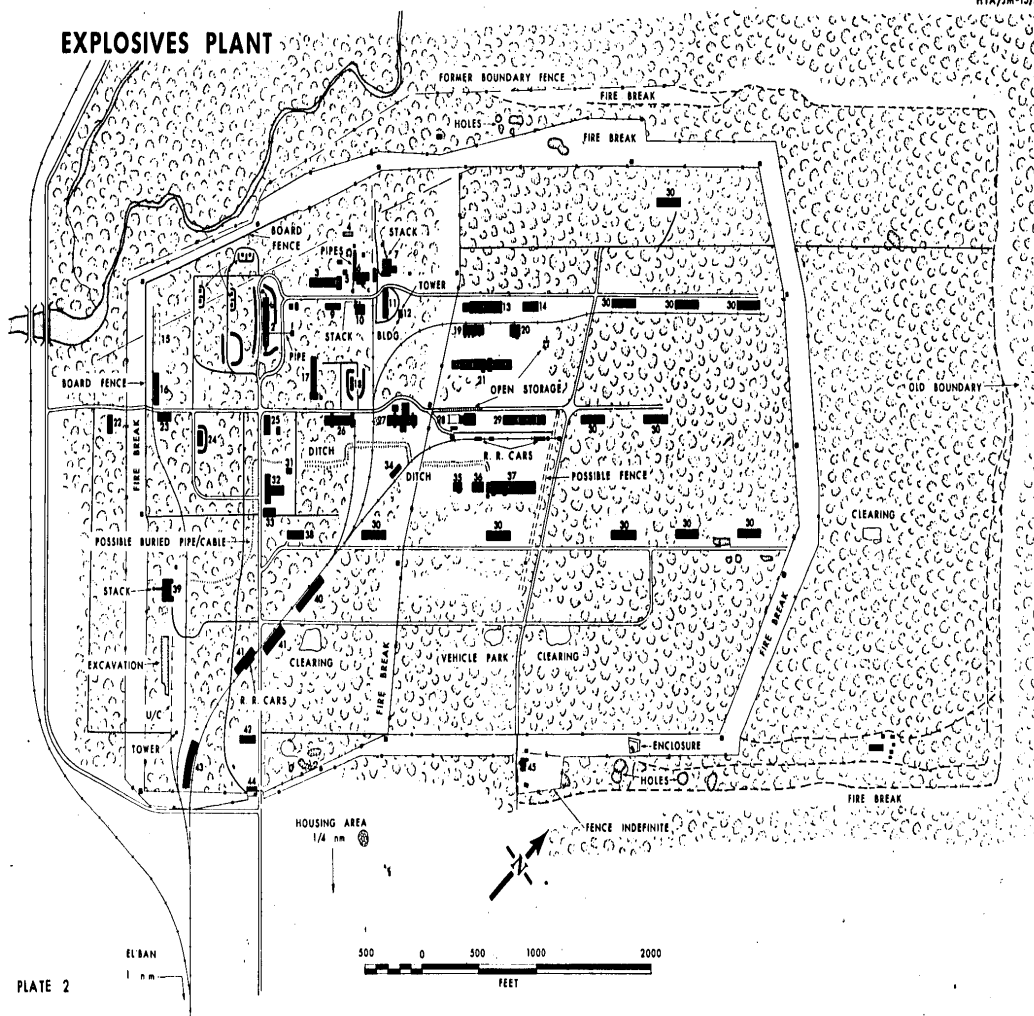


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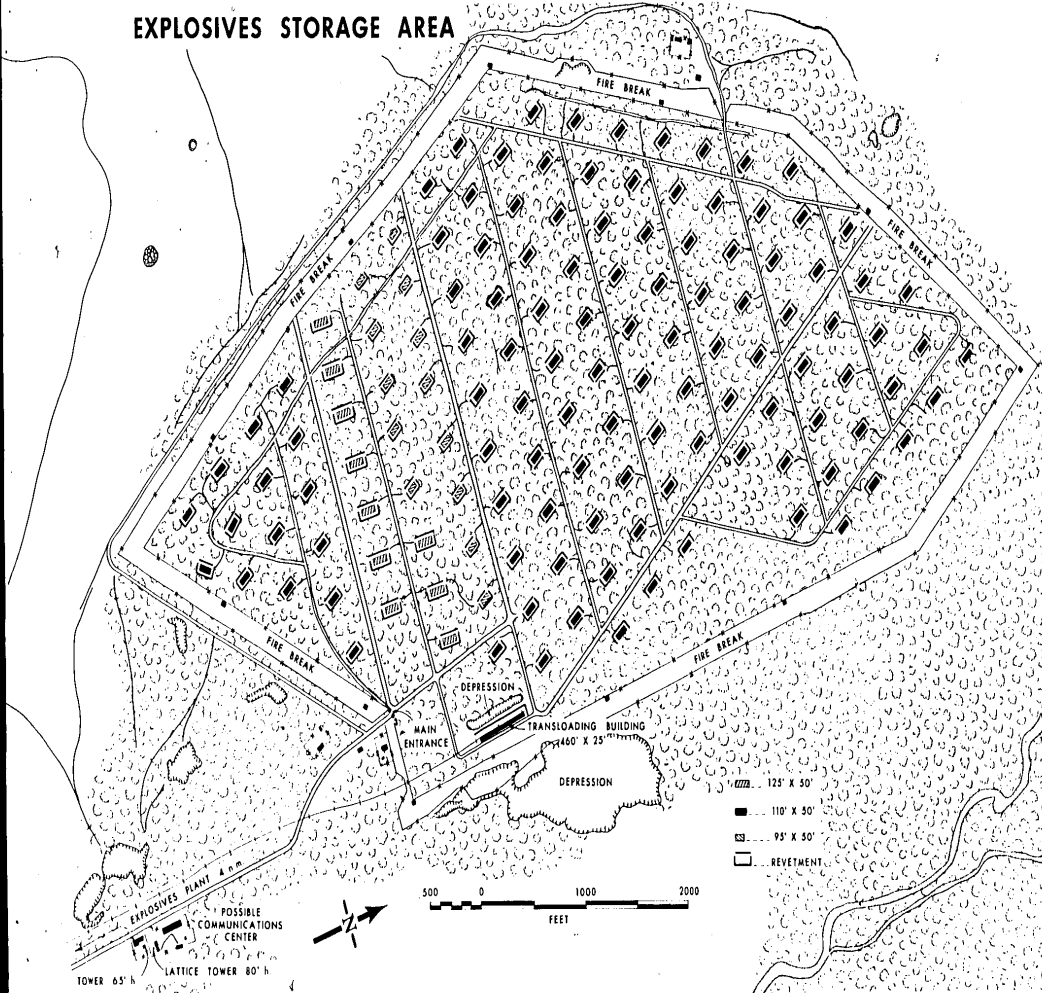
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EXPLOSIVES STORAGE AREA



25X1

PLATE - 3

TOP SECRET-

| | |
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TOP SECRET

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EXPLOSIVES STORAGE AREA

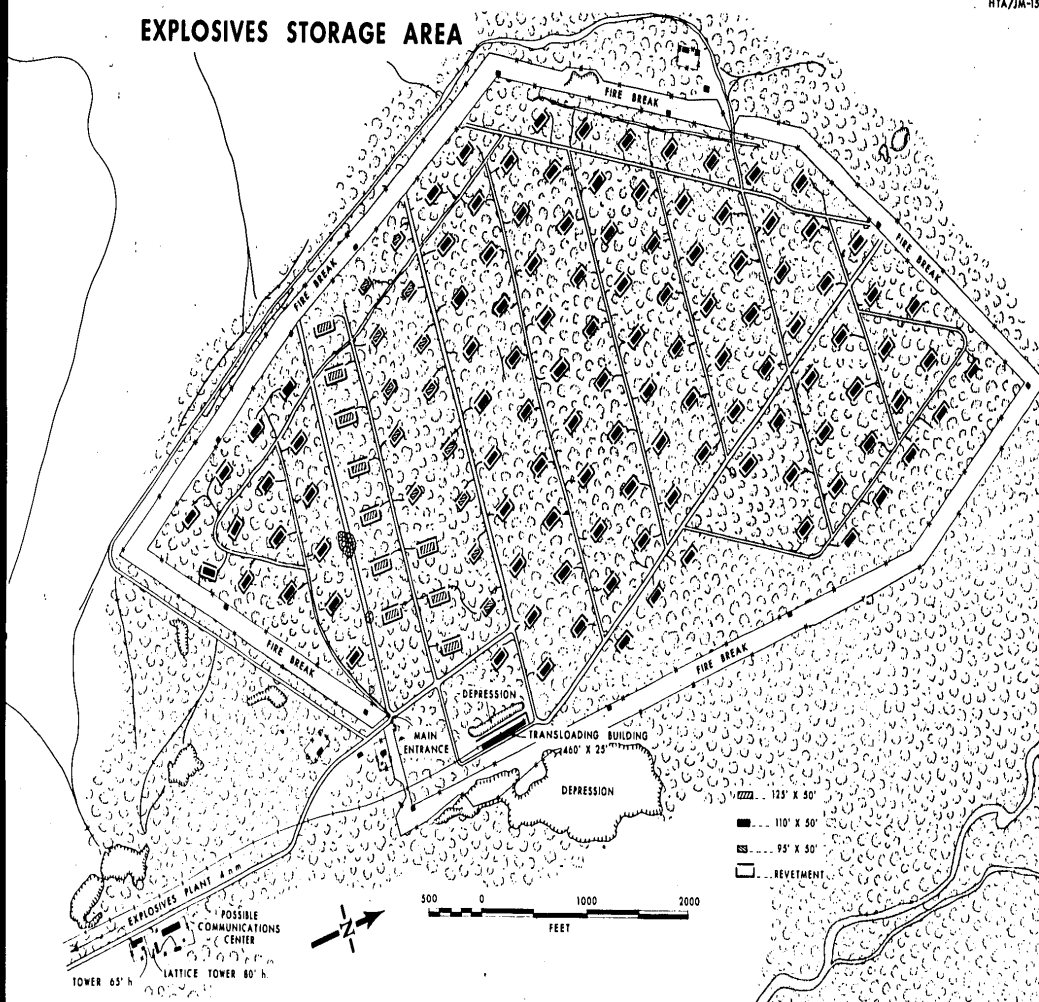


PLATE 3

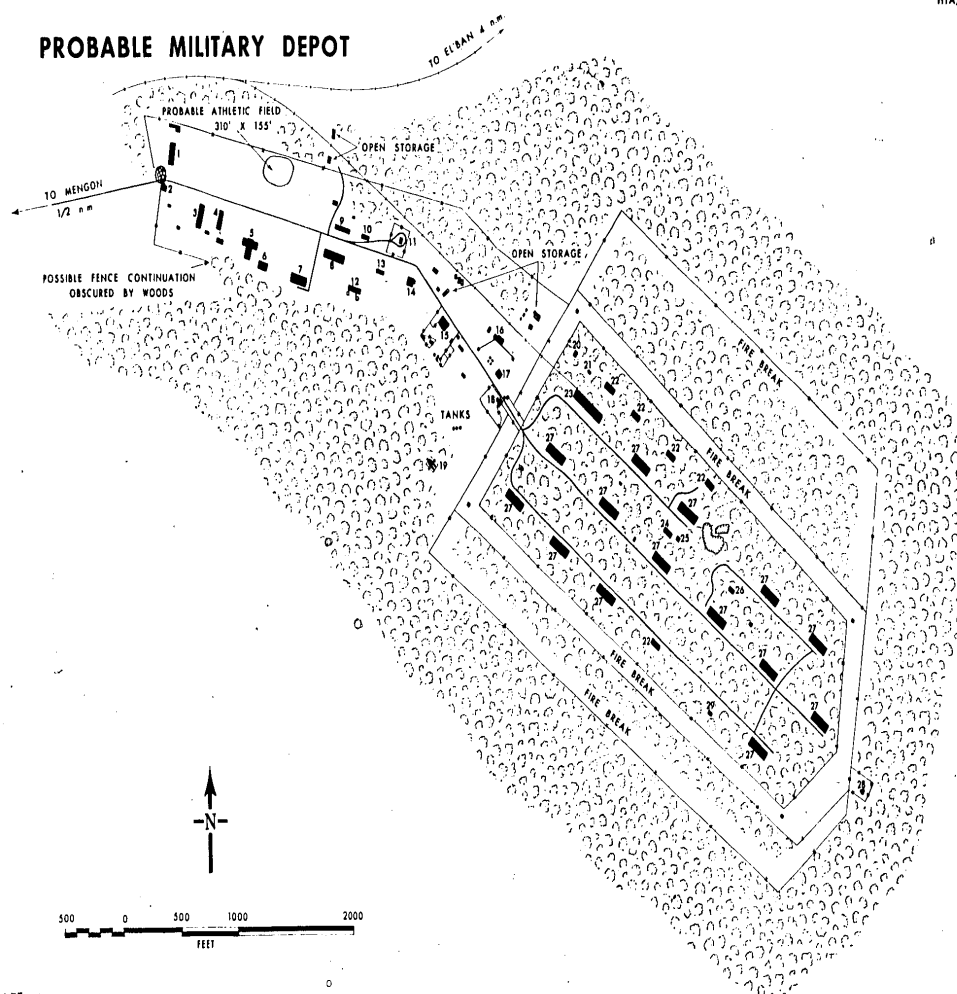
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PROBABLE MILITARY DEPOT



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PLATE 4

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PROBABLE MILITARY DEPOT

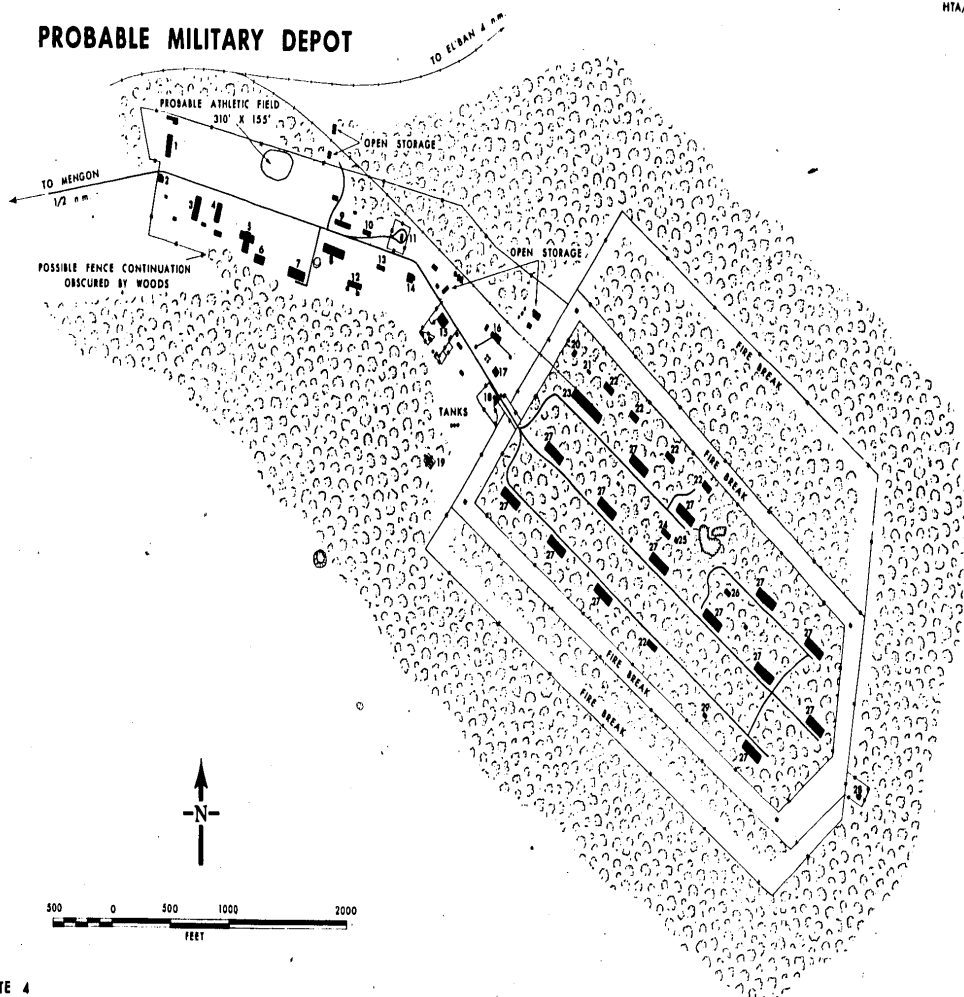


PLATE 4

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